

FILE NOTATION

Entered in MID File✓....
 Location Map Planned✓....
 Card Indexed✓....

Checked by Chief *PWP*
 Approval Letter *9-5-74*
 Disapproval Letter

COMPLETION DATA:

Date Well Completed *1-4-74*

W..... WW..... TA.....

OW..... OS..... PA.✓....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....✓....

Electric Logs (No.) *W.R.*

E..... I..... Dual I Lat..... GR-N..... Micro.....

PHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

TRUE OIL COMPANY

RIVER CROSS ROAD

August 21, 1974

CASPER, WYOMING
P. O. DRAWER 2360
PHONE 237-9301
82601

Re: U-21813
Federal No. 22-11
T 19 S, R 11 E
Sec. 11: SE $\frac{1}{4}$ NW $\frac{1}{4}$
Emery County, Utah
10-01-0600

Utah Oil and Gas Conservation Commission
1588 West, North Temple
Salt Lake City, Utah 84116

Gentlemen:

Please allow this letter to serve as True Oil Company's formal request for exemption from the State of Utah's Rule C-3(b), under General Well Spacing Requirements. Due to topographic and ecological reasons, it is necessary that the above captioned drill-site be located closer than 500 feet to a governmental quarter-quarter section line. Please be advised that True Oil Company owns all oil and gas leases within 660 feet of the proposed location. If anything additional is required, please advise.

Very truly yours,

Randall W. Mankin

RANDALL W. MANKIN

RWM: ss

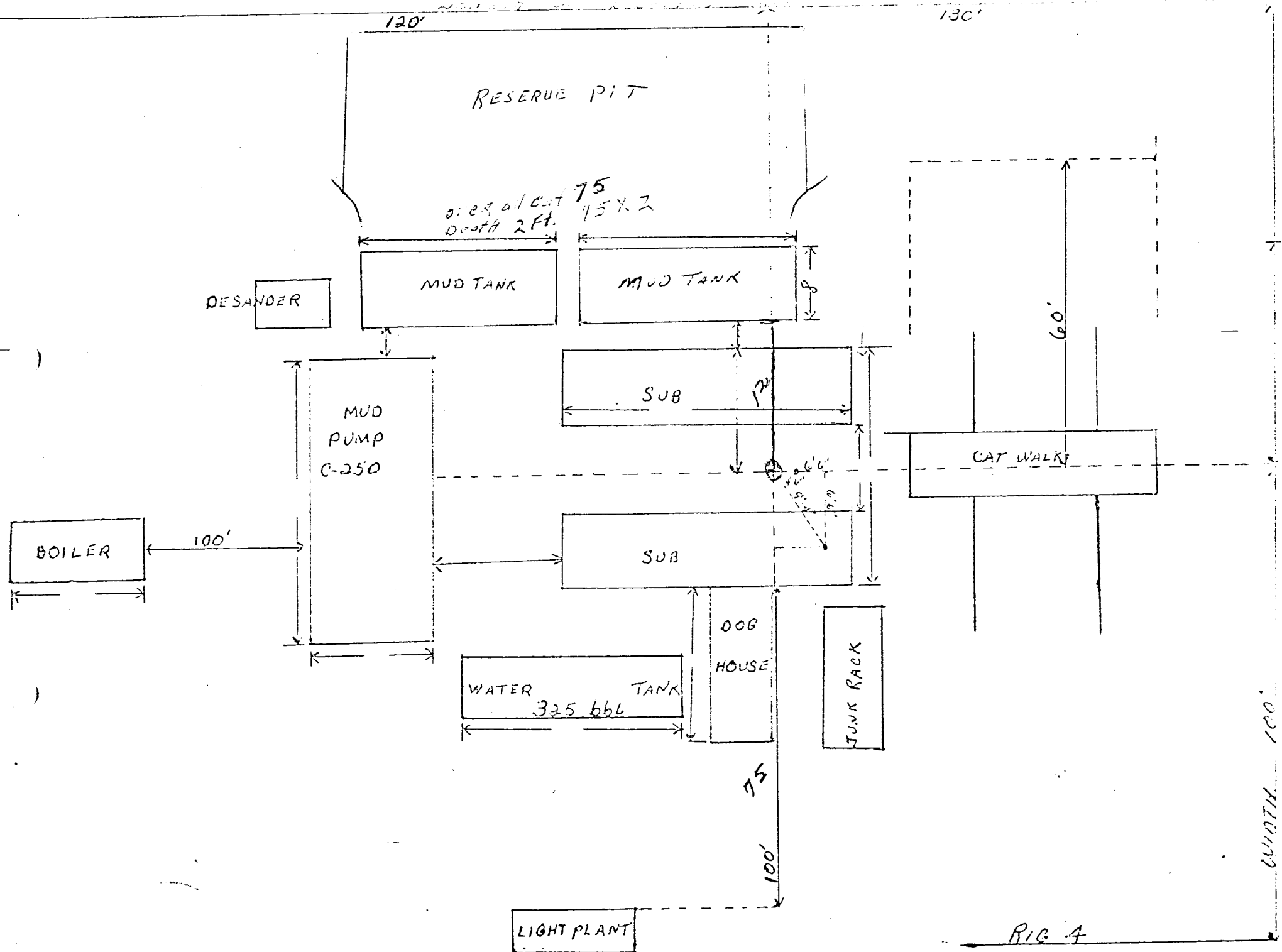
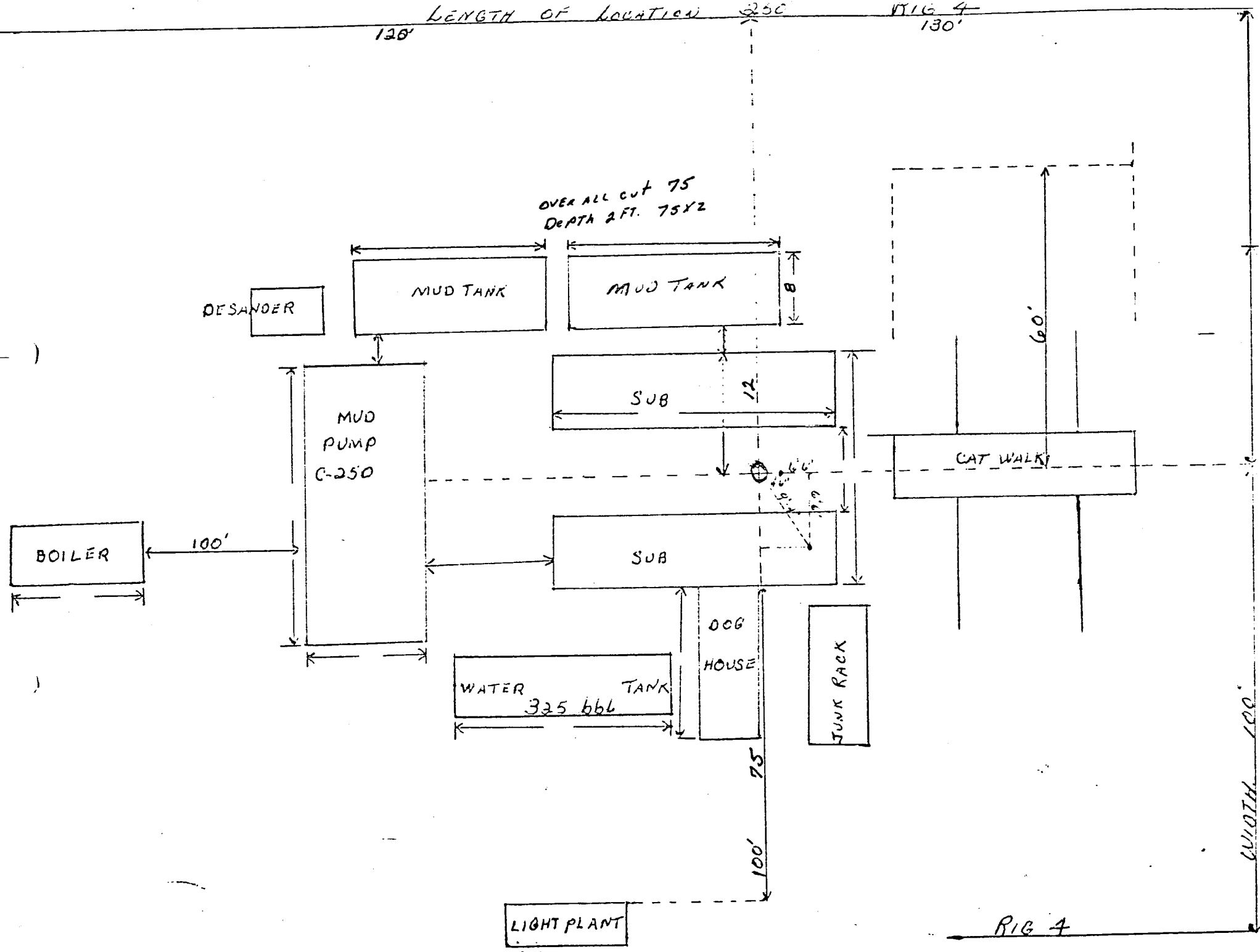
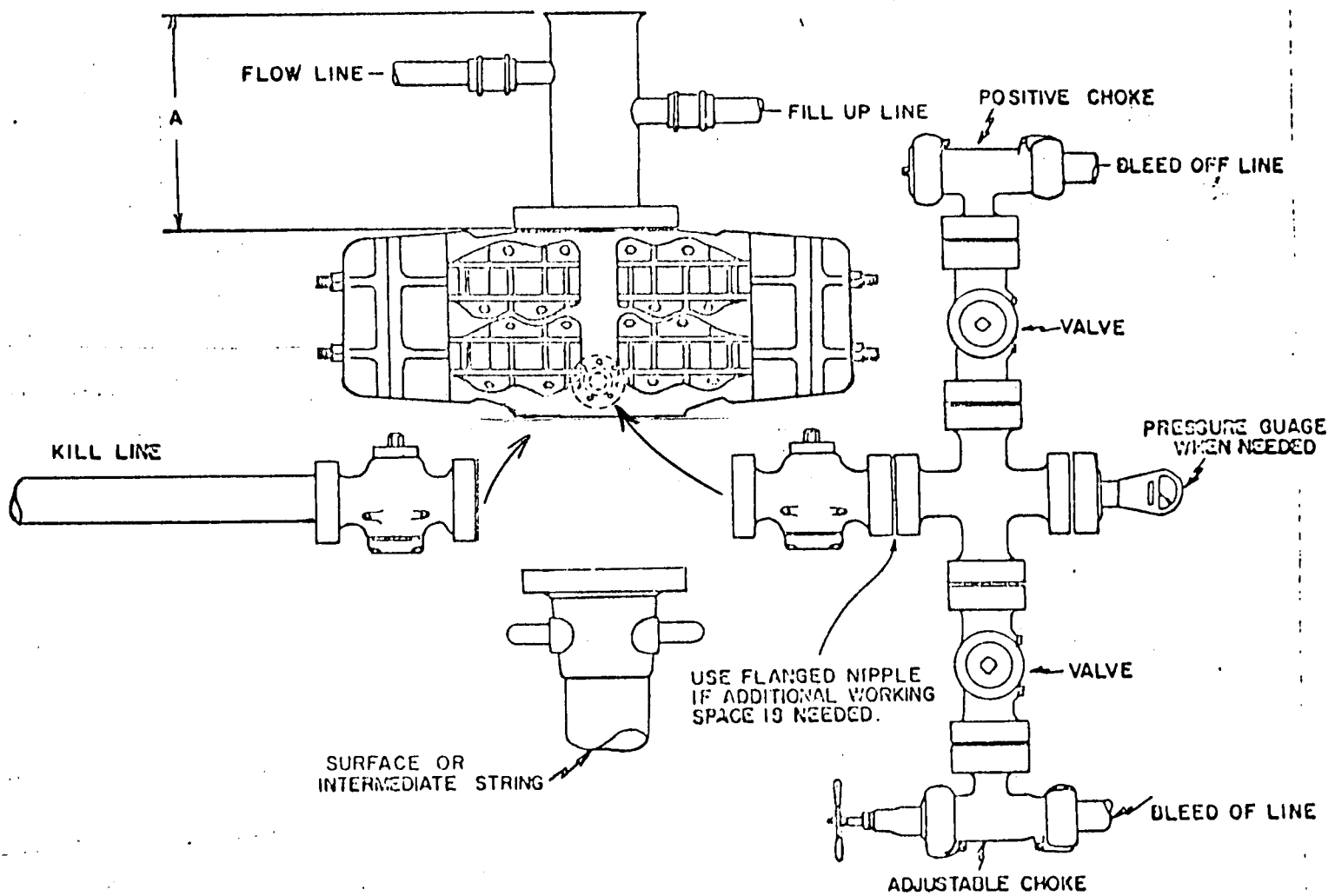


EXHIBIT "B"

RIG 4



For only 119
15" 800
12" 500



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: USA-U-21813

and hereby designates

NAME: True Oil Company
ADDRESS: P. O. Box 411, Casper, Wyoming 82601

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 19 South, Range 11 East, SLM

Sec. 11: A11

Sec. 12: A11

Sec. 13: A11

Sec. 14: NW/4; W/2NE/4; SE/4NE/4; NE/4SW/4; N/2SE/4

Sec. 15: NE/4NW/4

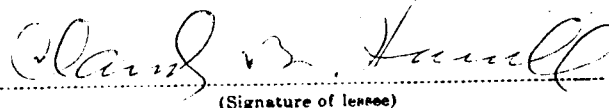
Sec. 24: NE/4; NE/4NW/4

Containing 2560.00 acres, m/1
Emery County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.


(Signature of lessee)

Claud B. Hamill

2306 First City National Bank Building
Houston, Texas 77002

(Address)

July 8, 1974

(Date)

Additional Information

True Federal 22-11

1. Surface casing is to be a 9 5/8" 32.5 lb. J-55 new casing.
2. Casing head is to be a 10 inch Series 600.
3. Intermediate casing is to be 7" 20 lb. J-55 used casing.
4. Blowout preventer sketch is attached. A rotating head will be used.
5. Auxilary equipment will consist of a bit float.
6. The anticipated maximum bottom hole pressure is 1200 psi.
7. Drilling fluid will be water base mud until intermediate casing is set then air drilling is contemplated.

TRUE OIL COMPANY

R I V E R C R O S S R O A D

August 21, 1974

CASPER, WYOMING
P. O. DRAWER 2360
P H O N E 237-9301
82601

Re: U-21813
Federal No. 22-11
T 19 S, R 11 E
Sec. 11: SE $\frac{1}{4}$ NW $\frac{1}{4}$
Emery County, Utah
10-01-0600

Utah Oil and Gas Conservation Commission
1588 West, North Temple
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Gentlemen:

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Very truly yours,

Randall W. Mankin

RANDALL W. MANKIN

RWM:ss

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

True Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 2360, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 2221' ENL and 1337' SNL

At proposed prod. zone SE/4, Section 11, T. 19 S., R. 11 E.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15 miles east of Castle Dale, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. unit line, if any)

660

16. NO. OF ACRES IN LEASE

2560

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

4,000'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7448' Gr.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
13-3/4"	9-5/8"	32#	100'
6-1/4"	4-1/2"	9.5#	4000'

Operator proposes to drill a well employing rotary tool at approximately 4,000'.

A 13-3/4" hole will be drilled to approximately 100' to permit running 9-5/8" 32#/ft H-40 casing which will be cemented to the surface. The casing head will have a series 600 rating. 7" intermediate casing may be set at 4,000'. After reaching total depth an appropriate set of electric logs will be run. The contractor will use water base mud for drilling fluid and air. In event commercial production is encountered, 4 1/2" casing will be run through the producing zone and properly cemented. The well will then be completed in accordance with good operating practice.

Blow out equipment will consist of a series 900 double pump pressure together with fill, kill and choke lines.

The maximum anticipated bottom hole pressure is expected to be approximately 2000 psi. (Location had to be moved 175' east due to topographical considerations.)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production and proposed program. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true dip angles, and depth of blowout preventer program, if any.

24. Original Signed By

J. L. Fusselman

SIGNED

J. L. Fusselman

TITLE Operations Supervisor

(This space for Federal or State office use)

PERMIT NO.

43-015-30032

APPROVAL DATE

APPROVED BY

TITLE

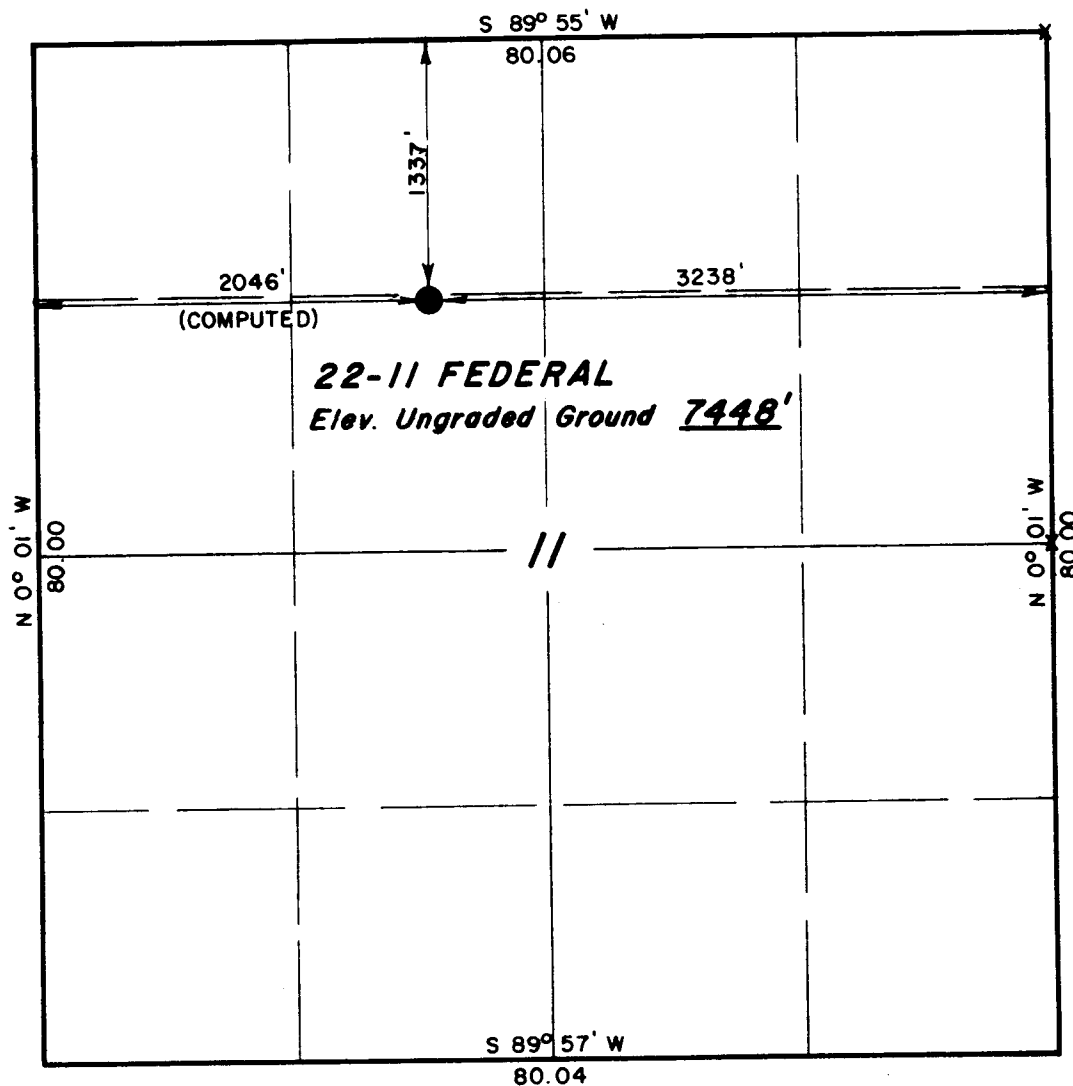
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

USGS 3, State, BLM, Energetics, file

T19S, R11E, S.L.B.&M.

PROJECT
ENERGETICS INCORPORATED
 Well location, located as shown in the
 SE 1/4, NW 1/4 Section 11, T19S, R11E,
 S.L.B.&M. Emery County, Utah.



X = SECTION CORNERS LOCATED



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
 BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence C. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 3137
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 P.O. BOX Q - 110 EAST - FIRST SOUTH
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE MAY 11, 1974
PARTY L.D.T. N.D.	REFERENCES GLO PLAT
WEATHER FAIR	FILE ENERGETICS INC.

42°30"

526

3862 I SW
(COW FLATS)

528

40'

529

APPROX. 13 MILES
NORTHWEST TO CLEVELAND

Mamies
Garden

21

6959

22

Wimmer Flat

23

7176 x Wimmer
Knoll

Hollow

6920

7000

7000

Drill Hole
7082

28

27

26

D A R M O U N T A I N

7081 x

7125

7171

TRAIL

7165

Bob Hill
Spring

Joe Jensen
Spring

34

Bob Hill
Knoll

7337

Bob Hill
Flat

33

Hollow

35

7197

7300

Swinks

7320

Johnson

7482

FED # 22-11

22-11

11

EXIST. ROAD
ACCESS ROAD

EXHIBIT "A"

ENVIRONMENTAL IMPACT REPORT
FOR FEDERAL LEASES

Lease Serial No.: U-21813
Federal No. 22-11
SE NW Sec 11, T. 19 S., R. 11E
Emery County, Utah
10-01-0600

The following data is submitted herewith to supplement Sundry Notices Report for Application to Drill the captioned well:

1. Existing roads showing exit from main highway (shown on Exhibit "A").
Remarks: No repair needed on existing road.
2. Planned access roads are shown on Exhibit "A". (Give brief explanation of any cuts, fills, culverts and cattleguards required.)
Approximately 600' of new road construction will be necessary on access road. No cattle guards or culverts will be required.
3. Location of wells. (Any producing wells or dry holes of significance in the immediate area will be shown on Exhibit "A") Remarks: _____
4. Lateral roads to well locations in area. (If any, they will be shown on Exhibit "A") _____
5. Contemplated location of tank battery. If needed, a site will be determined at that time. This test is primarily a gas test.
6. Location and type of water supply. (Show location of water, distance from location and owner's name.) Haul water from Desert Lake located approximately 7 miles northwest of location. An approximate 11 mile haul by road. Haul with tank truck
7. Waste material - ~~all waste material and brush will be disposed of in burn pit.~~ All other debris which cannot be burned will be hauled away or buried in the reserve pit. No burning will be allowed and a chemical toilet will be used.
8. Location of camps. None needed.
9. Location of airstrips. None needed.
10. Location layout (size of location, position of rig, mud tanks, reserve pits, etc..) Exhibit "B" is attached showing relative position of rig and accessory equipment. Move location 175' east out of draw. Face rig to northwest with pit to southwest. Location size: 250' long x 150' wide. Pit size: 100' square x 5' deep. 6' cut on east side of location.
11. Plan for restoration of surface: Topsoil will be stockpiled and cuts will be backsloped and held to a 3 to 1 grade. After operations are completed, water bars will be constructed as required, all debris will be cleaned up and the burn pit will be backfilled and leveled. Mud pits will be fenced as required until dry enough to be backfilled, leveled and then the topsoil will be distributed over the area. The site will be seeded with a good quality seed, the mixture of which will meet U.S.G.S. or B.L.M. specifications. Arrangements for use of the surface have been made with the surface owner: Dept. of Interior and U. S. Geological Survey
12. General description of topography, vegetation and other aspects of the area. (Indicate percents of different kinds of vegetation and give the depth and location of any required cuts.) Terrain is fairly flat. Solid rock with 5% grass and 5% brush. Some blasting may be required.
13. Livestock and wildlife protection. All precautions will be taken to protect livestock and wildlife from damage. Any problems concerning livestock and wildlife will be reported to the proper authorities.

Operator, TRUE OIL COMPANY

By: J. W. Taylor
J. W. Taylor /bf

September 5, 1974

True Oil Company
Box 2563
Casper, Wyoming 82601

Re: Well No's:
Federal #11-35,
Sec. 35, T. 20 S, R. 8 E,
Federal #14-10,
Sec. 10, T. 22 S, R. 8 E,
Federal #21-18,
Sec. 18, T. 18 S, R. 11 E,
✓ Federal #22-11,
Sec. 11, T. 19 S, R. 11 E,
Federal #34-7,
Sec. 7, T. 20 S, R. 10 E,
Federal #41-28,
Sec. 28, T. 21 S, R. 9 E,
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with Rule C-3(c) of the General Rules and Regulations and Rules of Practice and Procedure.

Said approval is, however, conditional upon your company receiving the necessary approval from the U.S. Geological Survey and/or the U.S. Bureau of Land Management.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Due to the increase in Utah's drilling activity, and thus well inspections, it would be greatly appreciated if you would advise this office as to your drilling contractor, rig number, and toolpusher immediately upon spudding-in.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API numbers assigned to these wells are as follows:

#11-35 - 43-015-30028	#14-10 - 43-015-30029
#21-18 - 43-015-30030	#22-11 - 43-015-30032
#34-7 - 43-015-30033	#41-28 - 43-015-30034

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

cc: U.S. Geological Survey

TRUE OIL COMPANY

RIVER CROSS ROAD

CASPER, WYOMING
P. O. DRAWER 2360
PHONE 237-9301
82601

November 19, 1974

Mr. Ed Guynn
U. S. Geological Survey
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84111

Re: True Oil Company
Federal 22-11
Federal 21-18

Dear Mr. Guynn:

We are in acceptance of a copy of the letter written by the Manager of the Price Utah District BLM office. Having received verbal approval from your Mr. Martens regarding our applications for permit to drill the subject wells, we are proceeding with the location work on True Federal 22-11.

Stipulation No. 2 is puzzling to us as these locations are in a very remote area. Erection of a 6' high, child-proof fence (in the winter time), in semi-desert country strikes us as unnecessary from a practical and economical view point. These locations are approximately 20 miles via semi-improved roads to the nearest village, with a population of 600 people.

Stipulation No. 3 requires that we file written proof with the BLM that we have the right to remove water from Desert Lake. Since this source of water is not under BLM control, it seems pointless to furnish them proof that we have acquired the right to use water from a source not under their control. Even if Desert Lake is being promoted for nesting of geese, it is difficult to imagine geese nesting at Desert Lake in the winter time.

As you know, we have filed applications to drill for eleven locations. With the receipt of the BLM letter dated November 7, 1974, covering the two subject wells this makes a total of five they have finally acted on since the inspections were made in August and the first week in September. At one time you

Mr. Ed Guynn
U. S. Geological Survey

November 19, 1974
Page 2

received stipulations from the Price BLM office for six locations. It was necessary for you to point out to the BLM that the twelve point program filed with your office dealt adequately with environmental aspects and that many of their additional stipulations were unrealistic.


Admittedly, exploring for oil and gas is part of our business, but we are as concerned about the energy shortage as anyone. We cannot see how sending five BLM specialists to inspect each prospective site and requiring additionally that a BLM specialist be present when the dirt contractor commences work is in the best interests of energy conservation.

All of the actions of the Price BLM District to date have led us to the conclusion that accomplishing a \$1,000,000 exploration program in the State of Utah, under such restrictive stipulations imposed by the BLM is economically questionable.

We respectfully request that you review the BLM stipulations in this matter in hopes that you can afford us relief from the requirement of fencing the reserve pits. We would also appreciate your expediting approval of our applications to drill Federal 34-7 and Federal 11-35.

Very truly yours

TRUE OIL COMPANY


J. L. Fusselman
Operations Supervisor

JLF:bf

cc: Mr. George Horn, Regional
Manager, U. S. G. S.
Director Utah Department
Natural Resources.

4

True Oil
Federal 22-11

25

PrA 1-5-75 USGS Plugging Program
TD. 2384' (poor fishing job)

plugs set at:

75' plug from 155' - 80'

" " " 1538' - 1380'

10 sacks at surface w/dry
hole marker.

5

GEOLOGICAL WELL REPORT

True Oil Company
#22-11 Federal
2046 FWL, 1337 FNL
Section 11, T19S-R11E
Emery County, Utah

AREA: San Rafael Project

ELEVATION: 7448' GL, 7458' KB

SPUD: December 9, 1974, CEASE DRILLING: January 4, 1975

CASING: 10 3/4" at 138' with 100 sacks

CONTRACTOR: True Drilling Company, Rig #4

TOOL PUSHER: Al McChesney

CORES: None

DST'S: None

LOGS: None

GAS DETECTOR: None

TOTAL DEPTH: 2384'

STATUS: J & A Drill Collars stuck in hole unable to recover.

FORMATION SAMPLE TOPS

<u>Formation</u>	<u>Sample Top</u>	<u>Datum</u>
Morrison	100'	+7358'
Salt Wash	400'	+7058'
Summerville	600'	+6858'
Curtis	765'	+6693'
Entrada	950'	+6508'
Carmel	1315'	+6143'
Navajo	1605'	+5853'
Kayenta	2045'	+5413'
Wingate	2130'	+5328'

GEOLOGICAL SUMMARY

The True Oil Company #22-11 Federal spudded in the Burro Canyon Formation and encountered an apparent normal section into the Wingate sandstone where the hole was lost due to stuck drill pipe.

No show of hydrocarbon was encountered in drilling to the total depth of 2384 feet.

Wallace K. Reaves
Wallace K. Reaves
Consulting Geologist
P.O. Box 2595
Casper, Wyoming 82601

SAMPLE DESCRIPTIONS

Depth Caught	Lithologic Description
30- 40'	VPS, ss-varic, wh, gry, dk gry. Ch-wh, blu wh, org.
50- 60'	VPS, Sh-Bent, wh-lt gry, soft. Slty w/ss & cht a/a.
60- 76'	VPS, sh-bent, wh, lav, soft. Slty-abd cht, varic, wh,org,yell,brn,blk.
76- 80'	VPS, Bent, wh-lav, soft, slty. Ch,wh,org,blk,brn, mottled. Ls nodules, wh-gry lav.
80- 95'	VPS, ss, wh-gry, f gr - crs, p sorted, argil. Sh, gry, lav. Cht & cht noduales, wh, bl-wh, org, yell, blk.

TOP MORRISON 100' (Samples)

95- 105'	VPS, sh, gry-lav, calc. Ls, gry, soft, dns. SS & cht, varic a/a.
105- 110'	Ls, wh, gry, lav, soft, dse. Cht a/a & ss, a/a.
110- 120'	Ls, gry, wh, lav, buff, soft to firm, dse. Cht, wh, org, grey, brn. Sh, gry, grn, calc.
120- 130'	A/a.
130- 135'	Ls, gry-ltgry-wh, slty, soft-firm, blk grs of ls. Sltst, gry, calc, & sh gry - gry grn, soft-firm. Cht, wh-yell. Ss, wh, fg, clay fill, soft, tite.

Set 10 3/4" casing at 138'

138- 150'	Sh, gry, grn. Bent, wh.
150- 160'	A/a.
160- 170'	Sh, gry grn-lav. Bent, wh.
170- 190'	Sh, gry grn. Bent, wh.
190- 200'	A/a.
200- 210'	Sh, gry-lt gry. Bent., wh.
210- 220'	Sh, gry-lt gry, cht, wh.
220- 230'	A/a.
230- 240'	Ss, gry, fg p sort, shly. Sh, gry.
240- 250'	Ss, gry-wh, f-m gr, shly. No show, no fluor.
250- 280'	Ss, f-m gr, gry-wh-pk, shly, n.s. Sh, gry grn-gry-pk-gry brn, lav.
280- 300'	a/a.
300- 330'	Ss, wh, f-m gr, subang, clay fill, tite. N.S.
330- 350'	Sh, gry, gry grn, gry brn.
350- 400'	Ss & sltst, lt gry-gry-red brn. Ss, fg p sort, clay fill, subang. Sh, gry-gry grn yell.
	A/a.

TOP SALT WASH 400'

400- 450'	Ss, wh, m gr, subang, clay fill, v calc. n.s., no fluor. Sltst, gry-grybrn-red brn. Sh, gry-gry-brn. Tr ls, buff, dse.
450- 470'	A/a.
470- 500'	Sh & sltst, gry, lt gry, gry brn. Ss, a/a.
500- 520'	Sltst, gry, gry brn, calc.
520- 550'	Ss, wh, m gr, subang, clay fill, calc, n.s., no fluor. Sh, gry, gry grn, grn, v calc. Sltst, gry & gry brn, calc.
550- 560'	A/a.
560- 600'	A/a w/ anhy, wh.

TOP SUMMERVILLE 600'

600- 650'	Sltst, rd brn, sh, rd brn. Sh, gry grn.-gry brn.
650- 690'	Sltst, red brn, tr gry grn.
690- 700'	A/a.
700- 750'	A/a.
750- 760'	A/a.

TOP CURTIS 765'

760- 770' Sltst, red Brn. Sh, red brn. Ss, lt gry, vfg to sltst, glauc & mic, clay fill, no fluor.
 770- 780' A/a less red sltst & sh.
 780- 800' Ss, lt gry, vf gr to silt, clay fill, no fluor, glauc & mic. Tr sltst & sh, red brn.
 800- 850' Ss, f gr, lt gry, wh, mod sort, subang, clay fill, calc, glauc, mic (blk mica).
 850- 870' Ss, a/a.
 870- 920' Ss, a/a.
 920- 930' Ss, a/a 50%, sltst, red brn 50%.
 930- 950' Sltst, red brn, small amount ss a/a.

TOP ENTRADA 950'

950- 960' Ss, red-pale red & brn, f-m grn, p sort, well cemented, subang, calc, occas. crse grn within sd. No stn, no fluor. Tr cht, buff.
 960- 970' Ss, a/a.
 970-1000' A/a. Tr ls, gry-buff, dnse.
 1000-1040' Ss, f gr, lt red-tan-brn, poorly sorted, well cemented, calc, no fluor, sh dk brn, gry grn.
 1040-1060' A/a.
 1060-1090' A/a.
 1090-1110' A/a.
 1110-1140' Sltst, dk red brn.
 1140-1180' Ss, vf gr-f gr, lt red brn to dk red brn, p sorted, well cemented, calc, no fluor. Sltst, a/a. Sh, calc, gry, soft. Some ss, wh, fg, subang, calc, well cemented, no fluor.
 1180-1230' A/a w/only tr ss, wh.
 1230-1250' A/a.
 1250-1270' A/a.
 1275' Mudded up.
 1270-1280' VPS, mostly cavings, etc. from cleaning hole after mudding up. Ss & sltst, a/a.
 1280-1290' Ss & sltst a/a.
 1290-1310' A/a.

TOP CARMEL 1315'

1310-1320' Anhy, wh & gry. Sh, gry, hd, sli calc.
 1320-1340' Anhy, wh gry. Sh, gry, hd. Sl, gry, dse, no poro or perm. Cht, blu wh, cl.
 1340-1350' Sh, gry hd sli calc. Ls, gry, soft dse, no poro or perm. Anhy, wh, gry.
 1350-1410' A/a, increase in ls, gry, hd, dse, no poro or perm.
 1410-1470' A/a.
 1470-1530' A/a.
 1530-1550' Ls a/a w/anhy & sh a/a.
 1550-1570' A/a.
 1570-1590' A/a.
 1590-1600' A/a.

TOP NAVAJO 1605'

1600-1610' Ls, gry dse, firm to hd, tite, n.s., oolitic. Sh, gry. Ss, wh, calc, clay fill, well cemented, fg, subang, hd-fri, no fluor.
 1610-1630' Ss, wh, f-m gr, sli calc, well cemented, subang-subrd, fri, no fluor, no stn, no show. Sh, gry grn.
 1630-1640' Ss, a/a. Ls, brn, dse, hd, tite, n.s. Sh, gry grn.
 1640-1650' A/a, w/anhy, wh, soft.
 1650-1660' A/a, w/anhy, wh, soft.
 1660-1680' A/a, w/anhy, wh, soft.
 1680-1730' Ss, wh, f-m gr, occas crse gr, clay fill, subang-subrd-rd, p sort, fri, no fluor, no stn, n.s. Anhy, wh, soft-fri. Sh, gry & gry grn.

1730-1740'	A/a.
1740-1750'	A/a.
1750-1760'	A/a.
1760-1770'	A/a.
1770-1790'	Ss a/a. Abd red sh & sltst. Sh, gry. Ls, gry dse, hd.

Trip for new bit at 1787'

1790-1800'	A/a.
1800-1830'	A/a.
1830-1850'	Ss, wh & pink, f-m gr, p sort, clay fill, subang- rd, p poro & perm, n.s. Sh, gry, firm, tr red, firm, Ls, gry, hd, dse, tite.
1850-1880'	Ss a/a. Tr sh & ls a/a.
1880-1900'	Ss, wh, tr pk, f-m gr, p sort, clay fill, subang- rd, p poro & perm, n.s.
1900-1930'	A/a.
1930-1950'	A/a w/any. Some org sd, v clay fill.
1950-2000'	Ss, a/a.
2000-2040'	Ss, fg, subang, well cemented, mod sorted- some med gr, wh-org.

TOP KAYENTA 2045'

2040-2050'	Aa, a/a. Ss, fg, pale grn. Sh, gry grn.
2050-2100'	A/a.
2100-2130'	A/a.

TOP WINGATE 2130'

2130-2150'	Ss, red-gry brn dk, purp, brn, fg-mg, v shly.
2150-2200'	Ss, a/a. Sh, dk red, mrn.
2200-2300'	Ss, a/a, tr cht, blu wh, varying amount of dk red sh. Ss varies, red-pnk.
2300-2350'	A/a.
2350-2380'	A/a, less red, mostly pk sd.
2384'	Stuck drill pipe.

Morrison
100'

100

Shale sp. gr.
 Bentonite

200

300

Salt Wash
400'

400

500

Anhydrite

Summerville
600'

600

Siltstone

0 5 10 15

10 1/4 C-2
F-1 @ 138'
D-1 #1 344 - D-1 1/4"

as balled up

- D-1 1/4"

FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/ ft.)	FORMATIONS By Penetration
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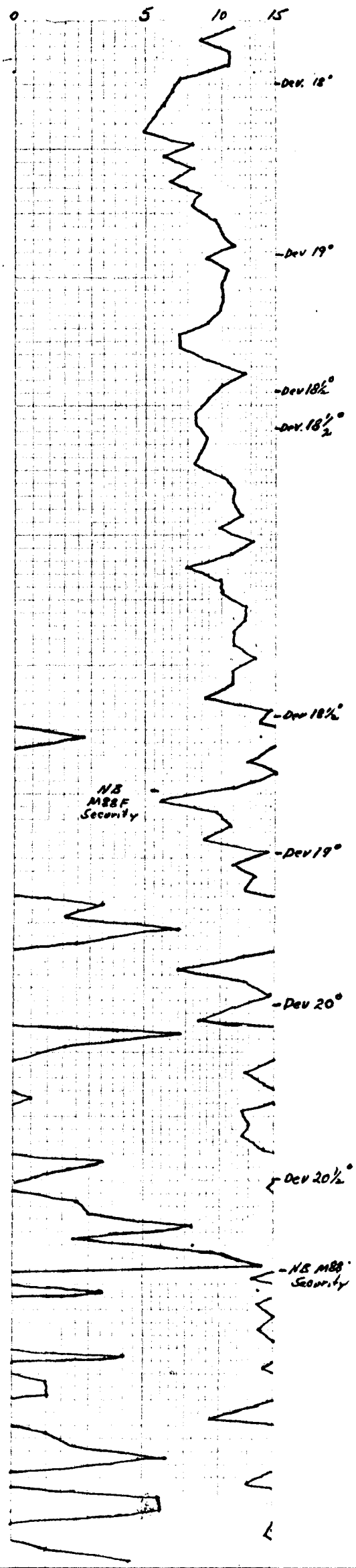
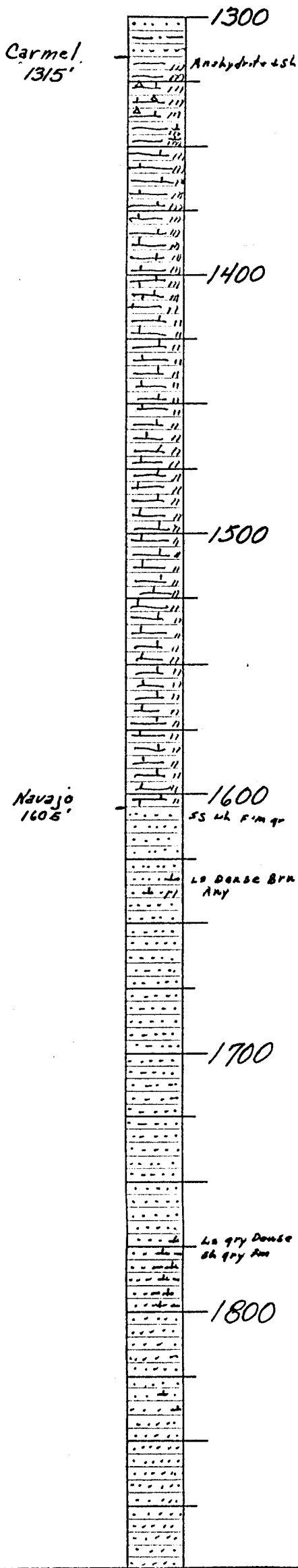
OPERATOR True Oil Co.

WELL 22-11 Federal

LOCATION SE NW 1/4 ELEVATION 7158.88
TIPS R11E

Wallace K. Reaves,

PETROLEUM GEOLOGIST, CASPER, WYOMING



FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/ft.)	FORMATIONS By Penetration
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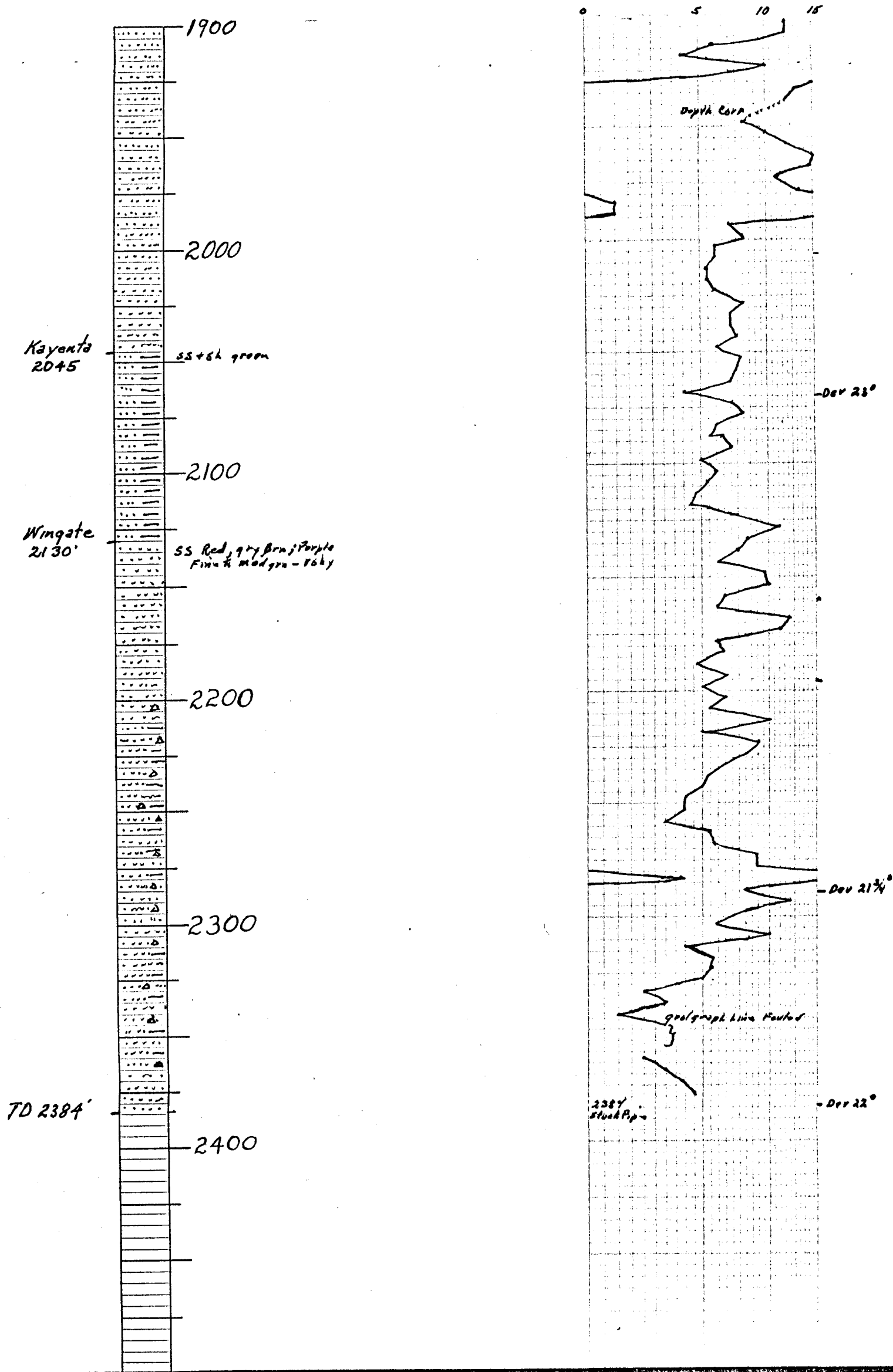
OPERATOR TRUE OIL Co.

WELL 22-11 Federal

LOCATION SE 1/4 Sec 11 ELEVATION 7458 KB
T19S R11E

Wallace K. Reaves,

PETROLEUM GEOLOGIST, CASPER, WYOMING



FORMATIONS By Samples	DEPTHS	LITHOLOGY	POROSITY	OIL & GAS SHOWS	PENETRATION RATE (min/ ft.) 5' Avg By Penetration	FORMATIONS
OPERATOR	TRUE OIL CO.	WELL	22-11 Federal	LOCATION	SE NW SEC 11 T19S R1E	ELEVATION 7458 KB
Wallace K. Reaves,	PETROLEUM GEOLOGIST, CASPER, WYOMING					

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-21813

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#22--11

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 11-T19S-R11E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7448' Gr.

12. COUNTY OR PARISH

Emery

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐
☐

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☒
☐

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Total depth 2384'. No logs, cores or drill stem tests were run. 1538 feet of drill pipe was lost in the hole and the well had to be abandoned.

Two cement plugs were placed as follows:

150 ft plug at 1538-1388'

75 ft plug at 155-80'

We will begin clean up operations as soon as weather permits.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. L. Fusselman
J. L. Fusselman

TITLE

Operations Supervisor

DATE

2/6/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS 3, State, BLM, Energetics, file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

PI 6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other abandoned-junk
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other in hole

2. NAME OF OPERATOR

True Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 2360, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

SE NW Section 11, T. 19 S., R. 11 E.

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-015-30032

DATE ISSUED

Sept. 5 '74

15. DATE SPUNDED

12/9/74

16. DATE T.D. REACHED

Jan. 4, 1975

17. DATE COMPL. (Ready to prod.)

P&A

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7448' Gr.

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2384'

21. PLUG, BACK T.D., MD & TVD

-

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0-2384'

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

None

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORED

No

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	138'	13-3/4"	100 sacks	none

29. N/A

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. N/A TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

N/A

32. N/A ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. N/A

PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
DATE OF TEST	HOURS TESTED	CHOKE SIZE
PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
WATER—BBL.	GAS—OIL RATIO	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE
OIL—BBL.	GAS—MCF.	WATER—BBL.
OIL GRAVITY-API. (CORR.)		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None - Geological well history already submitted.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

J. L. Fusselman
J. L. Fusselman

TITLE Operations Supervisor

DATE Feb. 7, 1975

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS 2, O&GCC, Webb, Energetics, Rainbow, Hamill, file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

U 21813

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

-

7. UNIT AGREEMENT NAME

-

8. FARM OR LEASE NAME

Federal

9. WELL NO.

22-11

10. FIELD AND POOL, OR WILDCAT

Wildcat11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA**Sec 11-T19S-R11E**12. COUNTY OR
PARISH**Emery**

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other **abandoned-junk**b. TYPE OF COMPLETION:
NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other **in hole**

2. NAME OF OPERATOR

True Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 2360, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

SE NW Section 11, T. 19 S., R. 11 E.

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-015-30032

DATE ISSUED

Sept. 5 '74

15. DATE SPUDDED

12/9/74

16. DATE T.D. REACHED

Jan. 4, 1974

17. DATE COMPL. (Ready to prod.)

P&A

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

7448' Gr.

19. ELEV. CASINGHEAD

-

20. TOTAL DEPTH, MD & TVD

2384'

21. PLUG, BACK T.D., MD & TVD

-

22. IF MULTIPLE COMPL.,
HOW MANY*

-

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

0-2384'

CABLE TOOLS

-

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

None25. WAS DIRECTIONAL
SURVEY MADE**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

None

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	138'	13-3/4"	100 sacks	none

29. **N/A**

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. **N/A** TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

N/A32. **N/A** ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. **N/A**

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None - Geological well history already submitted.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED **J. L. Fusselman**
J. L. FusselmanTITLE **Operations Supervisor**DATE **Feb. 7, 1975**

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS 2, O&GCC, 3, Webb, Energetics, Rainbow, Hamill, file

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry		5. LEASE DESIGNATION AND SERIAL NO. U-21813	
2. NAME OF OPERATOR True O.1 Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
3. ADDRESS OF OPERATOR P.O. Box 2360, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE NW Section 11, T 19 S, R 11 E		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-015-30032		9. WELL NO. #22-11	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 7448' Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 11-T19S-R11E	
		12. COUNTY OR PARISH Emery	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☒ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above subject has been plugged and abandoned as follows:

Two cement plugs were placed as follows:

150 ft. plug at 1538-1388'

75 ft. plug at 155-80'

The location is ready for final inspection.

18. I hereby certify that the foregoing is true and correct

SIGNED

Original Signed By

J. L. Fusselman

TITLE

Operations Supervisor

DATE

6/30/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: